# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 05 Oct 2021 until 23:59 on Wednesday 06 Oct 2021

Forecast Issued on Tuesday 05 Oct 2021 at 02:13

**Confidence:** Lower confidence in details for Tuesday's rainfall and how long it will last, high confidence for a settled day on Wednesday but again confidence decreases on Thursday and Friday as another wet and windy period is likely.

**Headline for Tuesday 05 Oct 2021:** A wet and windy day, with Northwesterly gales on the Dales.

**Mountain weather hazards on Tuesday 05 Oct 2021**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
Low Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
Medium Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Heavy Rain | Heavy Rain | Heavy Rain | Heavy Rain | Heavy Rain | Dull |
| Precipitation probability | | | | | |
| 60% | 80% | 80% | 80% | 60% | 30% |

**Forecast for Tuesday 05 Oct 2021**

**Weather:** Rainfall mostly affecting the eastern side of the Yorkshire Dales at first overnight but spreading west by dawn. Rain becoming heavy and persistent through the day with some localised flooding possible of watercourses and access roads. Perhaps some more breaks in the rain in the west during later in the day. Rain eventually clearing from the west with some cloud breaks likely during the evening.

**Chance of cloud free mountain/hill tops above 600m:** In the east 20% or less, in the west 30%, there may be more cloud breaks as rain eases at times in the western of the Yorkshire Dales but there is uncertainty in the extent rain will spread west and how soon it will clear away in the afternoon. Perhaps some cloud breaks in the afternoon around western hills.

**Visibility:** Visibility will be poor or very poor around eastern Dales with extensive low cloud and heavy outbreaks of rain. Cloud is likely to be broken or extensive from 300m and above. In the west cloud will be scattered or broken from 400m and above and rain is expected to be more showery with some clearer spells. Some brighter conditions will reach the west during the evening with cloud expected to break and clear.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Tuesday 05 Oct 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/11 E | 12/18 N | 19/29 NW | 28/43 NW | 27/40 NW | 25/37 NW | 21/33 NW |
| **300** | 5/10 NE | 10/19 N | 15/30 NW | 20/43 NW | 18/38 NW | 17/36 NW | 14/31 NW |
| **Valley** | 10/19 NE | 10/21 N | 15/33 NW | 18/40 NW | 15/34 NW | 15/33 NW | 13/29 NW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 8/6 | 7/4 | 7/3 | 6/1 | 6/0 | 6/0 | 4/-1 |
| **300** | 9/8 | 9/7 | 9/6 | 8/4 | 8/4 | 8/4 | 7/3 |
| **Valley** | 10/8 | 11/9 | 10/7 | 10/6 | 10/7 | 10/6 | 8/5 |
| **Freezing Level*** | 1800m | 1700m | 1800m | 1700m | 1600m | 1500m | 1500m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling very chilly on the hill tops with winds touching gale force and heavy rain at times.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Tue 05 Oct 2021 | 8.2mm | 18.2mm | 42.2mm |

**Forecast for Wednesday 06 Oct 2021**

**Weather:** Cloud clearing overnight and feeling chilly by dawn as strong northwesterly winds begin to ease. Perhaps some local frost possible. A bright day is expected with lots of Autumn sunshine, perhaps clouding over later in the afternoon.

**Maximum wind:** Northwesterly 20mph with gusts 30mph around dawn but steadily easing and 10-15mph is likely by mid afternoon, turning southerly later in the evening.

**Chance of cloud free mountain/hill tops above 600m:** 90%, some early patches of cloud but nearly all summits will be clear with good clarity of air in the northwesterly airstream giving good views during the afternoon.

**Visibility:** Very good visibility but some patches of cloud around 700m at the start of the day.

**Temperature:** **Valleys:** Plus 5 rising to 12 Celsius.
**At 600m:** Plus 2 Celsius rising 9 Celsius.
**Freezing level:** Above the summits.

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